

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 99/22283

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12Q1/68 G06F17/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| Y | BROUDE ET AL.: "DIFFERENTIAL DISPLAY OF GENOME SUBSETS CONTAINING SPECIFIC INTERSPERSED REPEATS" PNAS, vol. 94, April 1997 (1997-04), pages 4548-4553, XP002138635 the whole document | 1-87 |
| Y | CHENG ET AL.: "DEGENERATE OLIGONUCLEOTIDE PRIMER-POLYMERASE CHAIN REACTION AND CAPILLARY ELECTROPHORETIC ANALYSIS OF HUMAN DNA ON MICROCHIP-BASED DEVICES" ANAL.BIOCHEM., vol. 257, March 1998 (1998-03), pages 101-106, XP002138636 the whole document | 1-87 |



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search

30 May 2000

Date of mailing of the international search report

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
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| Y | WO 98 20165 A (WHITEHEAD BIOMEDICAL INST ;HUDSON THOMAS (US); LANDER ERIC S (US);) 14 May 1998 (1998-05-14) the whole document ---- | 1-87 |
| Y | WANG D ET AL: "Large-scale identification, mapping, and genotyping of single-nucleotide polymorphisms in the human genome" SCIENCE,US,AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE,, vol. 280, no. 280, 15 May 1998 (1998-05-15), pages 1077-1082-82, XP002116081 ISSN: 0036-8075 the whole document ---- | 1-87 |
| Y | WO 97 31327 A (MOTOROLA INC ;REBER WILLIAM L (US); PERTTUNEN CARY D (US)) 28 August 1997 (1997-08-28) the whole document ---- | 81-86 |
| A | HIMMELBAUER ET AL.: "COMPLEX PROBES FOR HIGH-THROUGHPUT PARALLEL GENETIC MAPPING OF GENOMIC MOUSE BAC CLONES" MAMMALIAN GENOME, vol. 9, August 1998 (1998-08), pages 611-616, XP000907317 the whole document ---- | |
| A | XIONG M AND JIN L: "Biallelic markers in genetics studies of human diseases: Their power, accuracy, and density in population-based linkage analysis" AMERICAN JOURNAL OF HUMAN GENETICS,US,NEW YORK, NY, vol. 61, no. 4, SUPPL, 1997, page 1759 XP002119235 ISSN: 0002-9297 the whole document ---- | |
| A | KRUGLYAK L: "THE USE OF A GENETIC MAP OF BIALLELIC MARKERS IN LINKAGE STUDIES" NATURE GENETICS,US,NEW YORK, NY, vol. 17, no. 1, 1 September 1997 (1997-09-01), pages 22-24, XP002050647 ISSN: 1061-4036 the whole document ----- | |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 99/22283

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|---|---------------------|----------------------------|---------------------|
| WO 9820165 A | 14-05-1998 | EP 0941366 A | 15-09-1999 |
| WO 9731327 A | 28-08-1997 | AU 1414197 A | 10-09-1997 |